

CLAIMS

- 1 1. A battery charger amusement device comprising:
2 a battery charger having a receptacle adapted to receive a rechargeable
3 battery, the battery having a charge status;
4 an electronic circuit monitoring charge status; and
5 a mechanical movement signal activated upon the battery attaining a
6 preselected charge status as measured by said electronic circuit.

- 1 2. The device of claim 1 further comprising a second electronic
2 circuit communicating information independent of charge status.

- 1 3. The device of claim 1 further comprising an AC coupler.

- 1 4. The device of claim 1 wherein the battery is selected from a
2 group consisting of: AAA, AA, B, C, D and 9 volt.

- 1 5. The device of claim 2 wherein said electronic circuit further
2 comprises a microprocessor.

- 1 6. The device of claim 2 wherein the information is of a type
2 selected from the group consisting of language, text, music, light, movement
3 and video.

1 7. The device of claim 1 further comprising a housing.

1 8. The device of claim 1 wherein said mechanical movement
2 signal is selected from a group consisting of: release of a spring, activation of
3 an electric drive motor to create a mechanical movement, deactivation of said
4 electrical motor, and movement of a liquid or powder.

1 9. The device of claim 7 wherein said housing is configured in a
2 form selected from the group consisting of humanoid, animate, vehicular and
3 natural.

1 10. The device of claim 1 further comprising a light.

1 11. The device of claim 2 further comprising a user input interface
2 to said electronic circuit.

1 12. A battery charger amusement device comprising:
2 a battery charger having a receptacle adapted to receive a rechargeable
3 battery, the battery having a charge status;
4 an electronic circuit activated by the rechargeable battery being inserted
5 into the receptacle, said electronic circuit monitoring charge status;
6 a spring compressed by the rechargeable battery being inserted into the
7 receptacle; and

8 a spring release triggered by said electronic circuit in response to the
9 charge status of the battery.

1 13. The device of claim 12 further comprising an AC coupler.

1 14. The device of claim 12 wherein the battery is selected from a
2 group consisting of: AAA, AA, B, C, D and 9 volt.

1 15. The device of claim 12 further comprising a housing.

1 16. The device of claim 15 wherein said housing is configured in a
2 form selected from the group consisting of an appliance, a jack-in-the-box, and
3 a figurine.

1 17. The housing of claim 15 further comprising a light.

1 18. The device of claim 12 further comprising a second electronic
2 communicating information independent of charge status.

1 19. The device of claim 12 further comprising a battery caddy
2 electrically intermediate between the battery and said receptacle.

1 20. A process for charging a battery comprising the steps of:

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- 2 placing a rechargeable battery into a device according to claim 1 for a
- 3 charging duration;
- 4 receiving a mechanical movement signal from said device indicating
- 5 charge status of the battery; and
- 6 removing the battery from said device after the charging duration.